

1-9 1956

Hayes

Dear Bill:

Alan Richter (a student here) let drop a reference to a conversation with you to the effect that your Hfr_H has been quite stable while Hfr_C has been unstable giving F^+ .

Now the situation here has been just the reverse: except for the single historical case here, Hfr_C has been ~~absolutely~~ absolutely stable (except for some ~~old~~ F^- after UV or motility selections) and has not since given any F^+ at all. But Luca says his old culture ~~now~~ now lost was quite unstable. So the existing cultures now are:

	Madison	London ?
$Hfr_{Cavalli}$	stable	unstable
Hfr_{Hayes}	v. unstable	stable

The instability is one point that had blinded me to the now very apparent difference in behavior of the two Hfr 's; with the cultures I worked with preliminarily, I did not get a convincing Hfr reaction with H with any regularity. Anyhow it's obvious there should be a re-collation: I will be very happy to send you anything that would interest you now; in turn may I ask you the favor of a) confirming the statements above, and b) if these are correct, sending me the representative cultures. If you have them, especially Hfr_H , as $M^- S^S$ (rather than $M^+ S^S$ Th_+ or $M^- S^R$ as I have had it) this would be especially convenient.

Yours sincerely,

Joshua Lederberg